

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) The optical unit according to claim 5, An optical unit used in a projection type image display apparatus, the optical unit comprising:
wherein the[[a]] first optical element is formed of a glass material and the second optical element is formed of a resin material; and, the first optical element performing at least one of color separation and color combination;
a holding member attached to the first optical element; and
a second optical element held by the holding member, the second optical element being formed of a resin material and acting optically one of incident light onto the first optical element and emergent light from the first optical element;
wherein the following condition is satisfied:
$$a_1 < a_3 \leq a_2$$
where a_1 , a_2 , and a_3 represent linear expansion coefficients of the materials forming the first optical element, the second optical element, and the holding member, respectively.

2. (Original) The optical unit according to Claim 1, wherein the a_3 is closer to the a_2 than to the a_1 .

3-4 (Cancelled)

5. (Currently Amended) An optical unit used in a projection type image display apparatus, the optical unit comprising:
a first optical element which performs at least one of color separation and color combination of light;
a holding member attached to the first optical element; and

a second optical element held by the holding member, the second optical element acting optically on one of incident [[on]] light onto the first optical element and emergent light from the first optical element,

wherein the holding member includes a holding structure holding the second optical element, the holding structure preventing the displacement of the second optical element in an optical axis direction of the first optical element which passes through the second optical element and allowing the rotation displacement of the second optical element in a plane direction orthogonal to the optical axis direction.

6. (Original) The optical unit according to Claim 5, wherein the second optical element is held by the holding member by means of an adhesive agent,

the hardness after curing of the adhesive agent being less than the hardness of the material of the second optical element.

7. (Original) The optical unit according to Claim 5, wherein the first optical element is formed of glass and the second optical element is formed of resin.

8. (Original) The optical unit according to Claim 5, wherein the holding member is attached to the first optical element by an adhesive agent,

the hardness after curing of the adhesive agent being less than the hardness of the material of the holding member.

9. (Original) The optical unit according to Claim 5, wherein a gap for passage of cooling air is formed between the first optical element and the second optical element.

10. (Original) The optical unit according to Claim 5, wherein the second optical element is a wavelength-selective polarization rotating element.

11. (Canceled)

12. (Original) A projection type image display apparatus comprising:
a plurality of image forming elements, each forming an original image;
a projection lens; and
an optical system which comprises the optical unit according to Claim 5 and guides light
from the plurality of image forming elements to the projection lens.

13-24. (Cancelled)

25. (New) The optical unit according to claim 6, wherein the adhesive agent is applied to a
part of respective opposite sides of the second optical element and the each side is not
orthogonal to a line jointing two application positions of the adhesive agent.